

FORM PTO-1390
(REV. 5-93)U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTORNEY'S DOCKET NUMBER
10191/1993**TRANSMITTAL LETTER TO THE UNITED STATES
DESIGNATED/ELECTED OFFICE (DO/EO/US)
CONCERNING A FILING UNDER 35 U.S.C. 371**

U.S. APPLICATION NO. (If known, see 37 CFR 1.5)

09/914404INTERNATIONAL APPLICATION NO.
PCT/DE00/00546INTERNATIONAL FILING DATE
25 February 2000
(25.02.00)PRIORITY DATE CLAIMED:
26 February 1999
(26.02.99)TITLE OF INVENTION
METHOD FOR PRODUCING HEAVILY-DOPED SEMICONDUCTOR COMPONENTS

APPLICANT(S) FOR DO/EO/US

SPITZ, Richard; GOERLACH, Alfred; WILL, Barbara; UEBBING, Helga; RIEKERT, Roland; and ADAMSKI, Christian

Applicants herewith submit to the United States Designated/Elected Office (DO/EO/US) the following items and other information.

1. ☒ This is a **FIRST** submission of items concerning a filing under 35 U.S.C. 371.
2. ☐ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 35 U.S.C. 371.
3. ☒ This is an express request to begin national examination procedures (35 U.S.C. 371(f)) immediately rather than delay examination until the expiration of the applicable time limit set in 35 U.S.C. 371(b) and PCT Articles 22 and 39(1).
4. ☒ A proper Demand for International Preliminary Examination was made by the 19th month from the earliest claimed priority date.
5. ☒ A copy of the International Application as filed (35 U.S.C. 371(c)(2))
 - a. ☐ is transmitted herewith (required only if not transmitted by the International Bureau).
 - b. ☒ has been transmitted by the International Bureau.
 - c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US)
6. ☒ A translation of the International Application into English (35 U.S.C. 371(c)(2)).
7. ☒ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))
 - a. ☐ are transmitted herewith (required only if not transmitted by the International Bureau).
 - b. ☐ have been transmitted by the International Bureau.
 - c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
 - d. ☒ have not been made and will not be made.
8. ☐ A translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
9. ☒ An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)) (unsigned).
10. ☒ A translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).

Items 11. to 16. below concern other document(s) or information included:

11. ☒ An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
12. ☐ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
13. ☒ A **FIRST** preliminary amendment.
14. ☒ A substitute specification.
15. ☐ A change of power of attorney and/or address letter.
16. ☒ Other items or information: International Search Report (translated), Preliminary Examination Report (translated) and PCT/RO/101.

EXPRESS MAIL NO.: EL244508361US

U.S. APPLICATION NO. (if known, enter) 37 C.F.A.1.5 09/914404		INTERNATIONAL APPLICATION NO. PCT/DE00/00546		ATTORNEY'S DOCKET NUMBER 10 1993																					
<div>17. <input checked="" type="checkbox"/> The following fees are submitted:</div> <div>Basic National Fee (37 CFR 1.492(a)(1)-(5)): Search Report has been prepared by the EUROPEAN PATENT OFFICE or JPO \$860.00 International preliminary examination fee paid to USPTO (37 CFR 1.482) \$690.00 No international preliminary examination fee paid to USPTO (37 CFR 1.482) but international search fee paid to USPTO (37 CFR 1.445(a)(2)) \$710.00 Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO \$1,000.00 International preliminary examination fee paid to USPTO (37 CFR 1.482) and all claims satisfied provisions of PCT Article 33(2)-(4) \$100.00</div>				<u>CALCULATIONS PTO USE ONLY</u>																					
				ENTER APPROPRIATE BASIC FEE AMOUNT = \$ 860																					
				Surcharge of \$130.00 for furnishing the oath or declaration later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(e)). \$																					
				<table border="1" style="width:100%; border-collapse: collapse;"><thead><tr><th style="width:20%;">Claims</th><th style="width:20%;">Number Filed</th><th style="width:20%;">Number Extra</th><th style="width:20%;">Rate</th><th style="width:20%;"></th></tr></thead><tbody><tr><td>Total Claims</td><td>16 - 20 =</td><td>0</td><td>X \$18.00</td><td>\$ 0</td></tr><tr><td>Independent Claims</td><td>1 - 3 =</td><td>0</td><td>X \$80.00</td><td>\$ 0</td></tr><tr><td colspan="3">Multiple dependent claim(s) (if applicable)</td><td>+ \$270.00</td><td>\$</td></tr></tbody></table>		Claims	Number Filed	Number Extra	Rate		Total Claims	16 - 20 =	0	X \$18.00	\$ 0	Independent Claims	1 - 3 =	0	X \$80.00	\$ 0	Multiple dependent claim(s) (if applicable)			+ \$270.00	\$
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Total Claims	16 - 20 =	0	X \$18.00	\$ 0																					
Independent Claims	1 - 3 =	0	X \$80.00	\$ 0																					
Multiple dependent claim(s) (if applicable)			+ \$270.00	\$																					
TOTAL OF ABOVE CALCULATIONS = \$ 860																									
Reduction by 1/2 for filing by small entity, if applicable. Verified Small Entity statement must also be filed. (Note 37 CFR 1.9, 1.27, 1.28). \$				SUBTOTAL = \$ 860																					
Processing fee of \$130.00 for furnishing the English translation later the <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(f)). \$				TOTAL NATIONAL FEE = \$ 860																					
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property \$				TOTAL FEES ENCLOSED = \$ 860																					
				Amount to be: refunded \$																					
				charged \$																					

a. ☐ A check in the amount of \$ _____ to cover the above fees is enclosed.

b. ☒ Please charge my Deposit Account No. 11-0600 in the amount of **\$860.00** to cover the above fees. A duplicate copy of this sheet is enclosed.

c. ☒ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 11-0600. A duplicate copy of this sheet is enclosed.

NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.

SEND ALL CORRESPONDENCE TO:
Kenyon & Kenyon
One Broadway
New York, New York 10004

CUSTOMER NO. 26646

Richard L. Mayer

SIGNATURE

Richard L. Mayer, Reg. No. 22,490

NAME

8/27/01

DATE

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEINFORMATION DISCLOSURE
STATEMENTDocket Number
10191/1993Application Number
To Be AssignedFiling Date
HerewithExaminer
To Be AssignedArt Unit
To Be AssignedInvention Title
METHOD FOR PRODUCING HEAVILY-DOPED
SEMICONDUCTOR COMPONENTSInventor(s)
SPITZ et al.Assistant Commissioner
for Patents
Washington, D.C. 20231

1. In accordance with the duty of disclosure under 37 C.F.R. § 1.56 and in conformance with the procedures of 37 C.F.R. §§ 1.97 and 1.98 and M.P.E.P. § 609, attorneys for Applicants hereby bring the following references to the attention of the Examiner. The references are listed on the attached modified PTO form 1449. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.
2. A copy of each patent, publication or other information listed on the modified PTO form 1449 is enclosed, except as otherwise indicated on the modified PTO form 1449.

Dated: 8/27/01By: Richard L. Mayer
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